

4.2.F. 06010103080

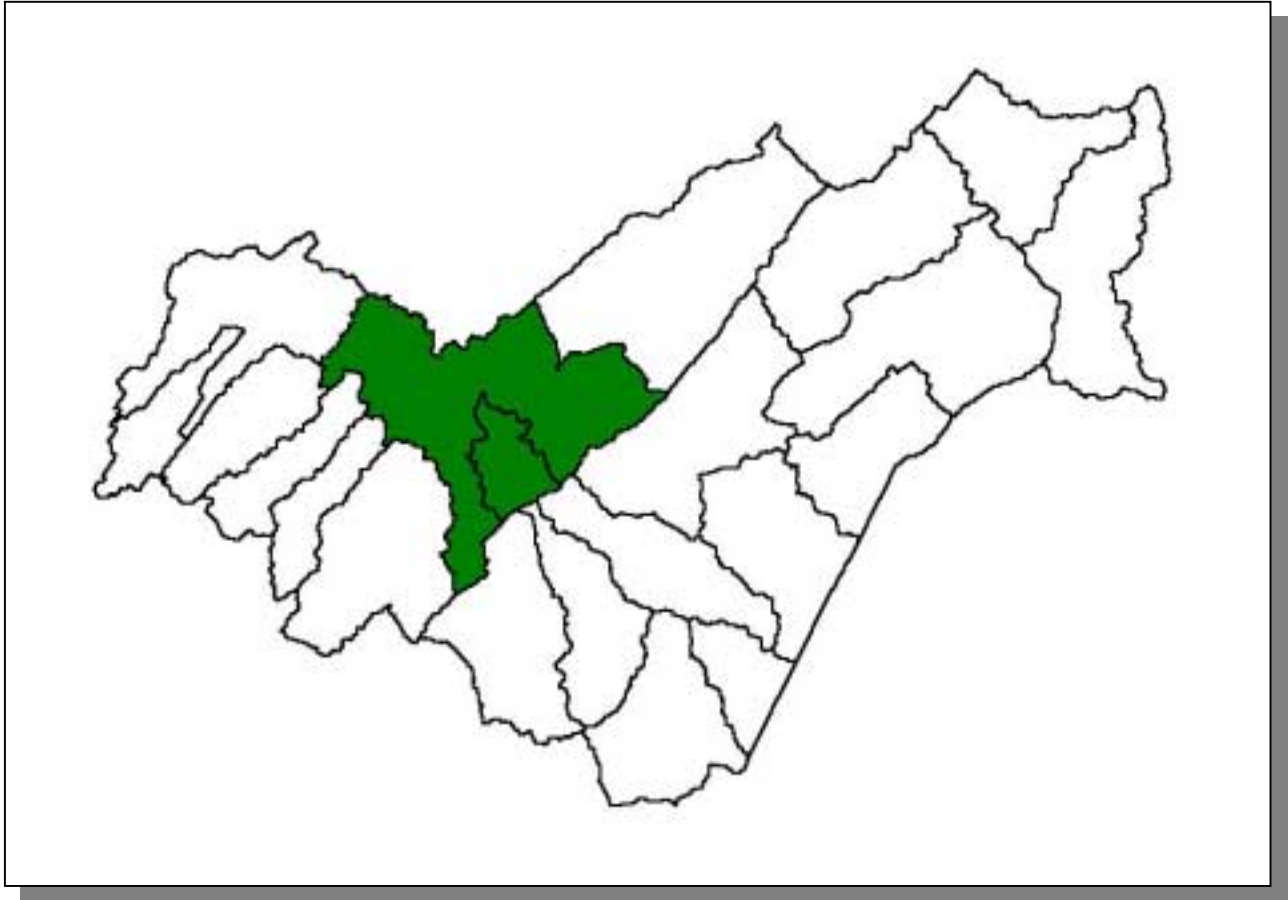


Figure 4-30. Location of Subwatershed 06010103080. All Watauga HUC-14 subwatershed boundaries are shown for reference.

4.2.F.i. General Description.

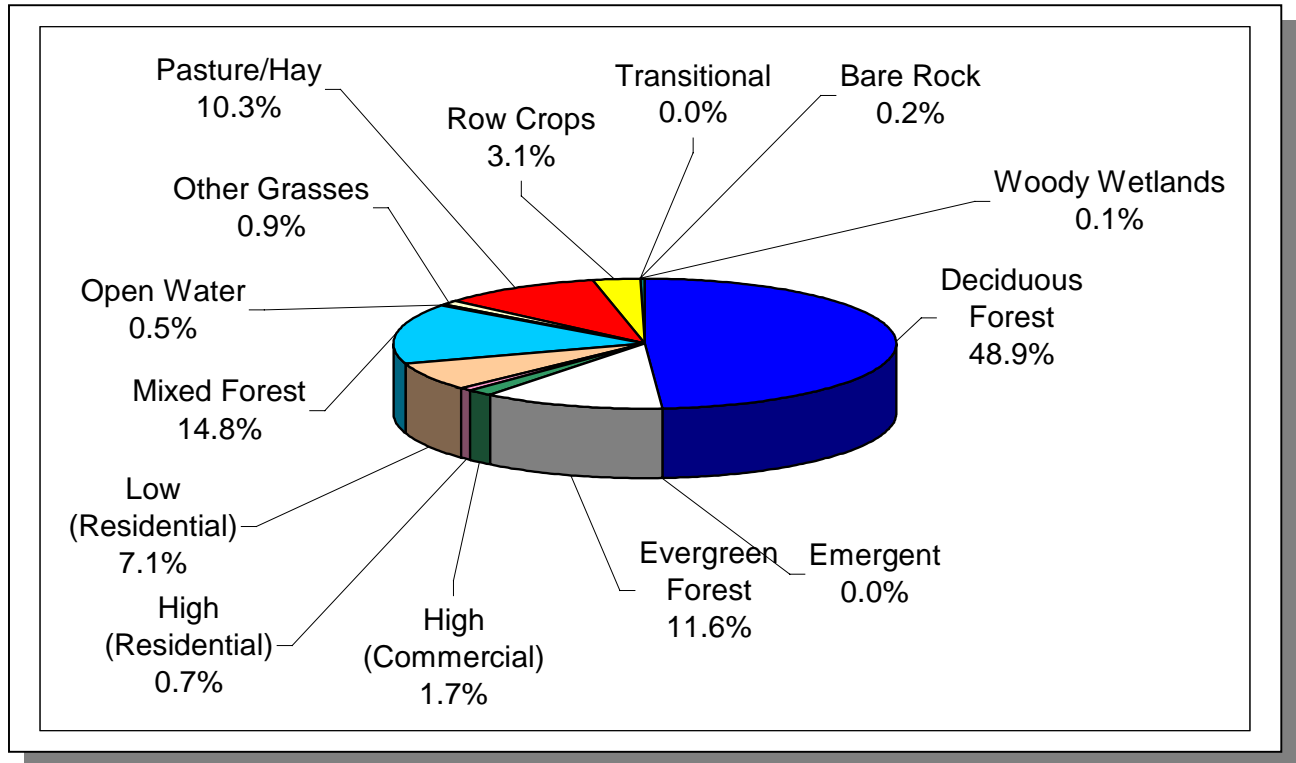


Figure 4-31. Land Use Distribution in Subwatershed 06010103080. More information is provided in Watauga-Appendix IV.

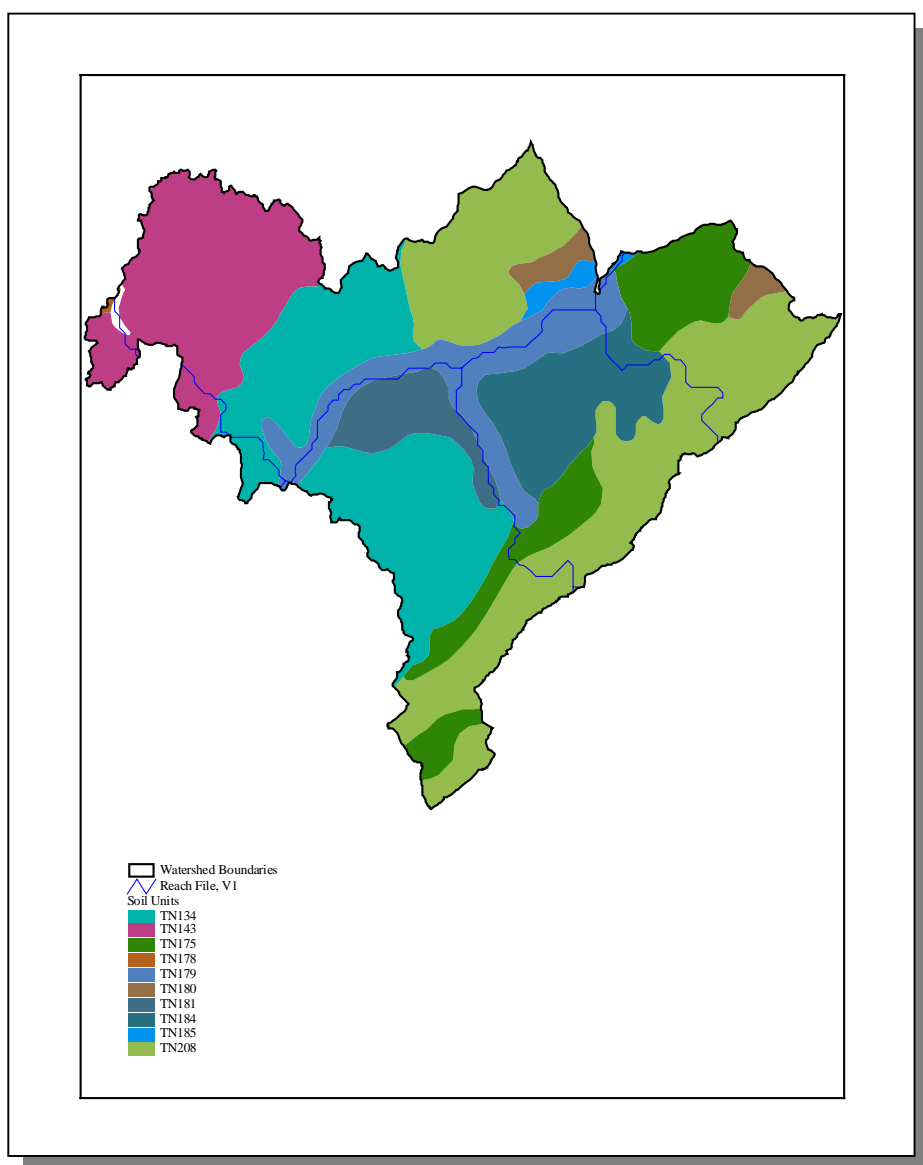


Figure 4-32. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103080.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN134	0.00	B	1.38	5.18	Loam	0.31
TN143	0.00	C	1.22	6.44	Loam	0.32
TN175	0.00	B	1.49	5.23	Loam	0.30
TN178	8.00	C	1.46	5.45	Loam	0.28
TN179	0.00	B	3.90	5.62	Sandy Loam	0.25
TN180	0.00	B	1.71	4.97	Loam	0.28
TN181	14.00	C	3.79	4.99	Loam	0.30
TN184	0.00	C	1.45	4.74	Loam	0.29
TN185	0.00	B	2.81	5.10	Loam	0.28
TN208	0.00	C	4.02	4.84	Loam	0.25

Table 4-29. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103080. More information is provided in Watauga-Appendix IV.

	TOTAL COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Carter	51,505	53,132	19.62	10,107	10,426	3.2
Sullivan	143,596	150,371	0.54	776	813	4.8
Washington	92,315	101,368	0.91	838	920	9.8
Totals	287,416	304,871		11,721	12,159	3.7

Table 4-30. Population Estimates in Subwatershed 06010103080.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Johnson City	Washington	49,178	21,214	19,213	2,001	0
Elizabethton	Carter	11,931	5,191	4,991	200	0
Watauga	Carter	334	153	4	133	16
Totals		61,443	26,558	24,208	2,334	16

Table 4-31. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010103080.



Figure 4-33. Location of Historical Streamflow Data Collection Sites In Subwatershed 06010103080. Subwatershed 06010103040060 and 06010103050010 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.



Figure 4-34. Location of STORET Monitoring Sites in Subwatershed 06010103080. Subwatershed 06010103040060 and 06010103050010 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.

4.2.F.ii. Point Source Contributions.



Figure 4-35. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010103080. Subwatershed 06010103040060 and 06010103050010 boundaries are shown for reference. More information, including the names of facilities, is provided in Watauga-Appendix IV.



Figure 4-36. Location of Active Mining Sites in Subwatershed 06010103080. Subwatershed 06010103040060 and 06010103050010 boundaries are shown for reference. More information, including the names of facilities, is provided in Watauga-Appendix IV.



Figure 4-37. Location of ARAP Sites (Individual Permits) in Subwatershed 06010103080. Subwatershed 06010103040060 and 06010103050010 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.

4.2.F.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Milk Cow	Cattle	Chickens	Hogs	Sheep
1,676	307	4,422	5	8	28

Table 4-32. Summary of Livestock Count Estimates in Subwatershed 06010103080. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carter	161.3	155.5	3.4	12.4
Sullivan	123.7	123.7	0.1	0.3
Washington	54.8	50.3	0.3	0.2
Total	339.8	329.5	3.8	12.9

Table 4-33. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010103080.

CROPS	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Corn (Row Crops)	5.45
Tobacco (Row Crops)	11.66
Grass (Hayland)	0.30
Legume Grass (Hayland)	0.38
Grass (Pastureland)	0.42
Grass, Forbs, Legumes (Mixed Pasture)	0.37
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.34
Other Land in Farms	0.02

Table 4-34. Annual Estimated Total Soil Loss in Subwatershed 06010103080.